

Phase-field models for the evolution of complex structures
Peyresq, 23/09/2013-04/10/2013

Preliminary program

Monday 23/09 : arrival, check in, welcome dinner
First week : Fundamentals of phase-field modelling

	Tue 24/09	Wed 25/09	Thu 26/09	Fri 27/09	Sat 28/09
9h00	Physics of phase-field 1 Mathis Plapp	Mathematics of phase-field 1 Axel Voigt	Physics of phase-field 2 Mathis Plapp	Mathematics of phase-field 2 Axel Voigt	Nucleation Tamas Pusztai
10h30	Break	Break	Break	Break	Break
10h45	Solid state 1 Lebouar/Appolaire	Solid state 2 Lebouar/Appolaire	Polycrystals 1 Benoît Appolaire	Solid state 3 Lebouar/Appolaire	Solid state 4 Lebouar/Appolaire
12h30	Lunch	Lunch	Lunch	Lunch	Lunch
14h	Numerics/Outdoor	Numerics/Outdoor	Numerics/Outdoor	Numerics/Outdoor	Numerics/Outdoor
17h30	Solidification 1 Eiken/Pusztai	Solidification 2 Eiken/Pusztai	Solidification 3 Eiken/Pusztai	Solidification 4 Eiken/Pusztai	Two-phase flow 1 Henry/Plapp
19h	Dinner	Dinner	Dinner	Dinner	Dinner
20h30	Poster session 1	Poster session 2	Soundbites		

Sunday 29/09 : free
Second week : Advanced applications

	Mon 30/09	Tue 01/10	Wed 02/10	Thu 03/10	Fri 04/10
9h00	Two-phase flow 2 Henry/Plapp	Polycrystals 2 Tamas Pusztai	Fracture 1 Henry/Spatschek	Fracture 2 Henry/Spatschek	Final session: Wrap-up, latest news All
10h30	Break	Break	Break	Break	
10h45	Plasticity 1 Lebouar/Appolaire	Plasticity 2 Lebouar/Appolaire	Crystal growth, epitaxy Axel Voigt	Biophysics Axel Voigt	
12h30	Lunch	Lunch	Lunch	Lunch	12h : Lunch
14h	Numerics/Outdoor	Numerics/Outdoor	Numerics/Outdoor	Numerics/Outdoor	13h : Departure
17h30	Phase-field crystal 1 Robert Spatschek	Phase-field crystal 2 Robert Spatschek	Practical applications Janin Eiken	Liquid crystals Mathis Plapp	
19h	Dinner	Dinner	Dinner	Dinner	